

CN Green Line

Expanded clay substrate for hydrocultures

Technical data

Production method: Clay fired and expanded in a rotary kiln at approx. 1,200°C, without chemical additives

Monitoring: of the product Leca®ton by:
Gütegemeinschaft Substrate für Pflanzenbau e.V., Hanover (RAL quality label)
State Research Institute for Horticulture in Weihenstephan at the
Weihenstephan-Triesdorf University of Applied Science, Freising
University of Hanover, Institute of Open Space Planning and Garden Architecture

Structure/colour: Kidney-shaped and round granules, reddish brown

Properties: Inert ceramic, biologically and chemically neutral, odourless, structurally stable, resistant to decay, rotting, decomposition and humic acid, excellent balance of air and water in the entire root area

Physical properties

	2 - 5 mm	4 - 8 mm	8 - 16 mm
Granule size	2 - 5 mm	4 - 8 mm	8 - 16 mm
Bulk weight (dry):	approx. 500 kg/m ³	approx. 370 kg/m ³	approx. 330 kg/m ³
Granule shape	Primarily kidney-shaped (> 70 Vol. %)		
Over/undersize	< 15 mass %		
Percentage of breakage	< 10 mass %		
Rise in water level cm/24 h	≥ 14	≥ 12,6	≥ 11,9



Chemical properties/constituents

pH value	≥ 5,5
Salt content (KCl)	≤ 1,25 g/litre
Ca	≤ 450 mg/litre
Na	≤ 50 mg/litre
Mg	≤ 75 mg/litre
Cl	≤ 50 mg/litre
F	≤ 5 mg/litre

Biological properties

Free of growth-inhibiting substances

Delivery form

		2 - 5 mm	4 - 8 mm	8 - 16 mm
Loose	silodumper truck	•	•	•
1.5-cbm-BigBag	1 BigBag / pal.	•	•	•
50-litre-sack	36 sack / pal.	•	•	•
25-litre-sack	60 sack / pal.	•	•	•
10-litre-sack	150 sack / pal.	•	•	•
5-litre-sack	300 sack / pal.	•	•	•

Last updated: July 2021